

#### ABSTRACT OF THE DISCLOSURE

A sensor measuring by capacitance, in particular for the detection of an obstruction of objects or body parts by motor driven devices, comprising an arrangement of a multitude of electrodes on a support and means to measure a  
5 capacitance or a capacitance change, is disclosed. The sensor is of a flat and film-like embodiment with a support made out of a film material for the arrangement of the electrodes. Furthermore, a capacitive sensor system, for detection of an obstruction situation of objects or body parts with motor driven devices using several sensors of the above design, is disclosed, whereby an obstruction situation is detected, if a  
10 selection of several sensors is responding.